

Incident Name: Bayou Teche Incident

Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]

Approved By

Federal OSC:

State OSC:

Incident Commander:

Incident Action Plan

Incident Overview Map

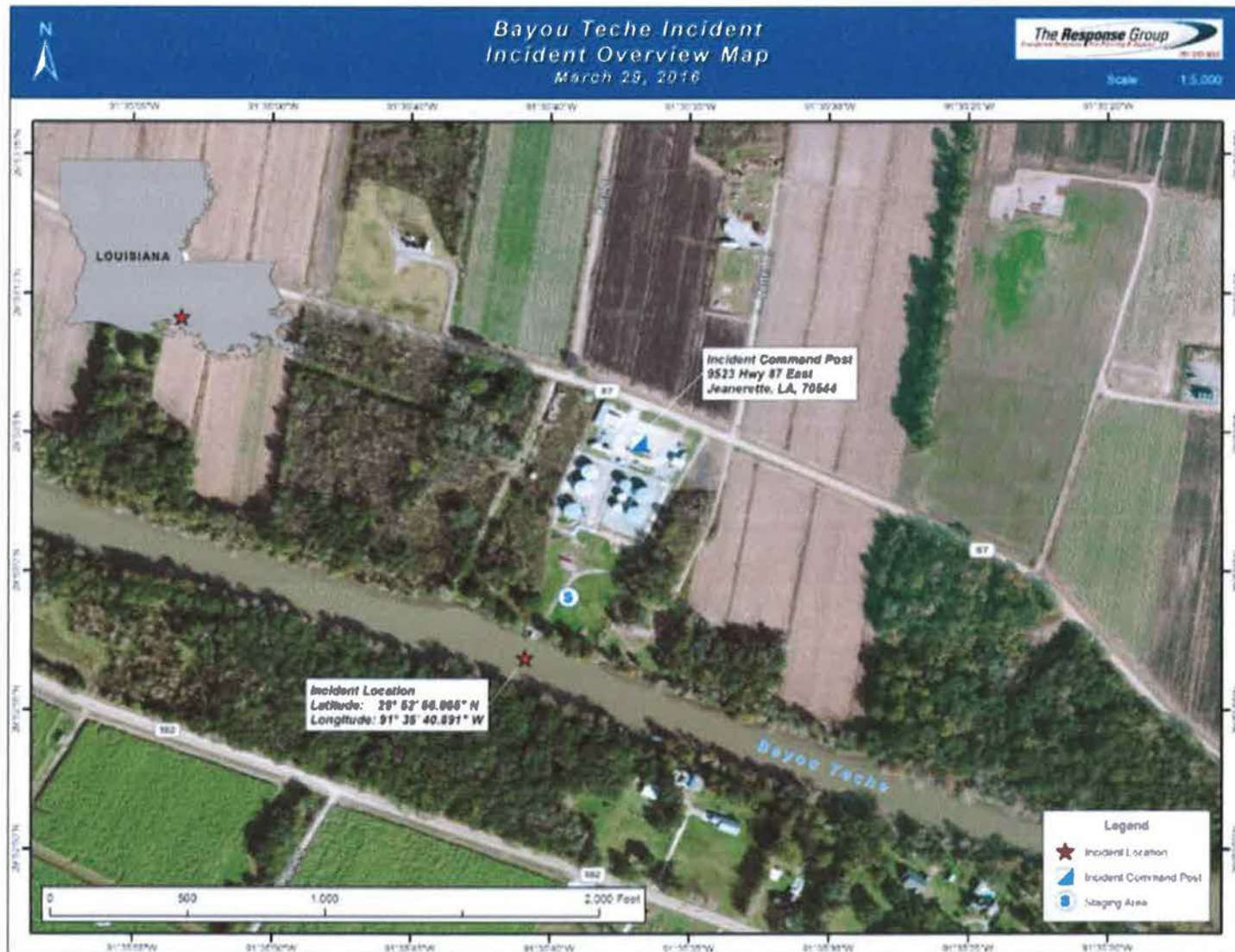


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Period: Period 1 [03/30/16 06:00 - 03/31/16 06:00]

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Evacuation Plan	

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Weather Report			Version Name: 20160330_06:00_Sorell, LA		
Incident Name: Bayou Teche Incident			Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]		
Present Conditions					
Weather Conditions as of 03/29/2016 19:53					
Humidity (%): 84 Wind Speed: 15.00 mph Wind Direction (from): ESE Temperature: 70.00 F Visibility: 8.00 mi Current Speed: Current Direction (to): Water Temperature:			Pressure: 29.97 IN Dew Point: 65.00 Feels Like: 70.00 UV Index: Wave Height: Wave Direction: Swell Height: Swell Interval:		
Cloudy with Nearby Thunderstorms					
Forecast Date	Wind	Temp Hi/Lo	% Precip	Sunrise/Sunset	Notes
Tue 03/29/2016	10.00 MPH ESE	F/66.00 F	40.00		Mostly Cloudy with Scattered Storms
Wed 03/30/2016	16.00 MPH ESE	77.00 F/ F	53.00		Mostly Cloudy with Scattered Storms
	18.00 MPH SSE	F/70.00 F	54.00		Cloudy with Chance of Thunderstorms
Tides					
High Tide		03/30/2016 14:22		1.30 FT	
Low Tide		03/30/2016 05:22		0.20 FT	
Low Tide		03/31/2016 06:22		0.20 FT	
High Tide		03/31/2016 15:30		1.30 FT	
<div style="border: 1px solid black; height: 300px; width: 100%;"></div>					
Weather Report			Prepared By Planning, Updated 03/29/2016 20:03 GMT -6:00 PP		
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/29/2016 20:34 GMT -6:00		© TRG	

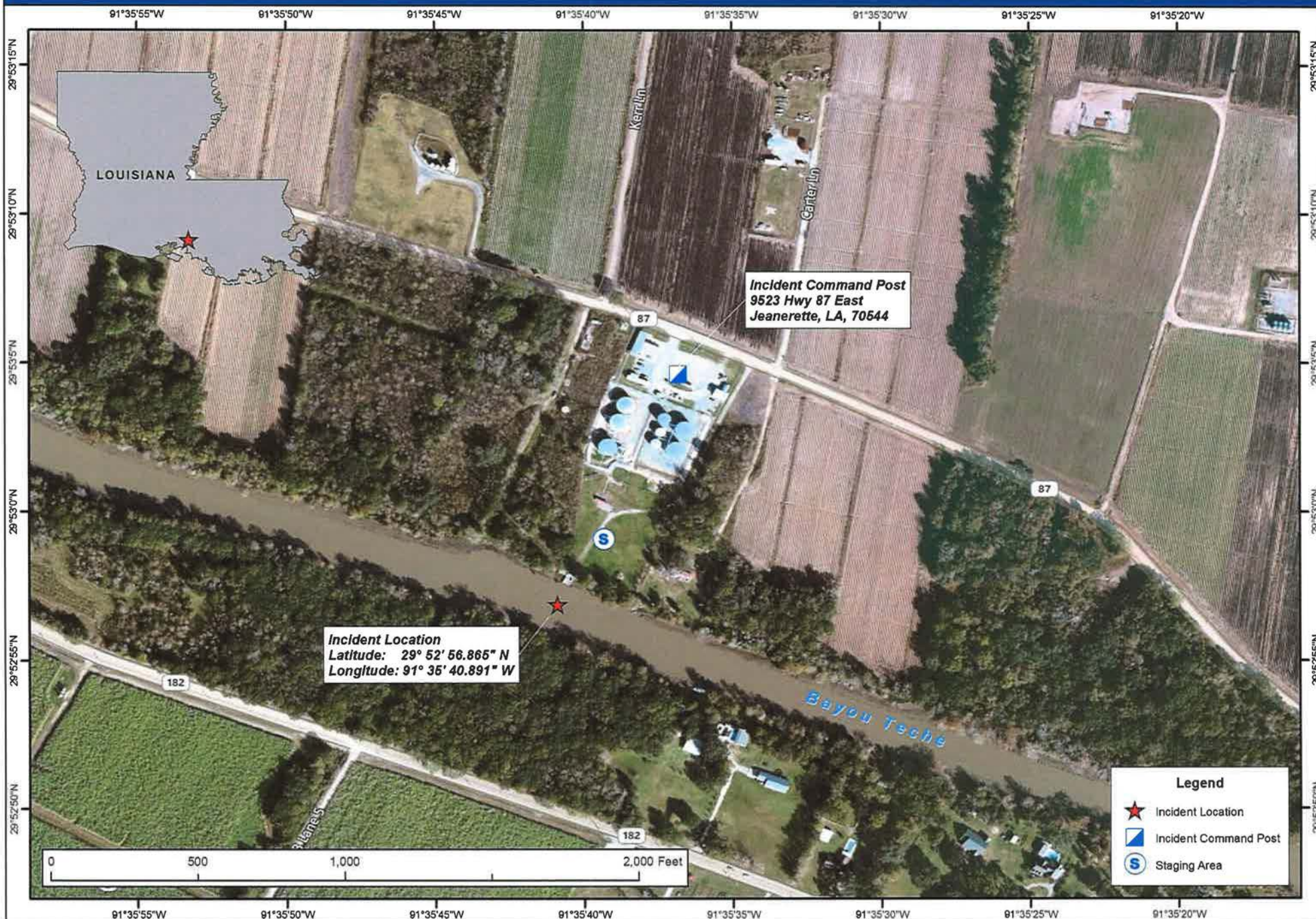


Bayou Teche Incident Incident Overview Map

March 29, 2016

The Response Group
Emergency Response Pre-Planning & Support
281-880-8000

Scale: 1:5,000



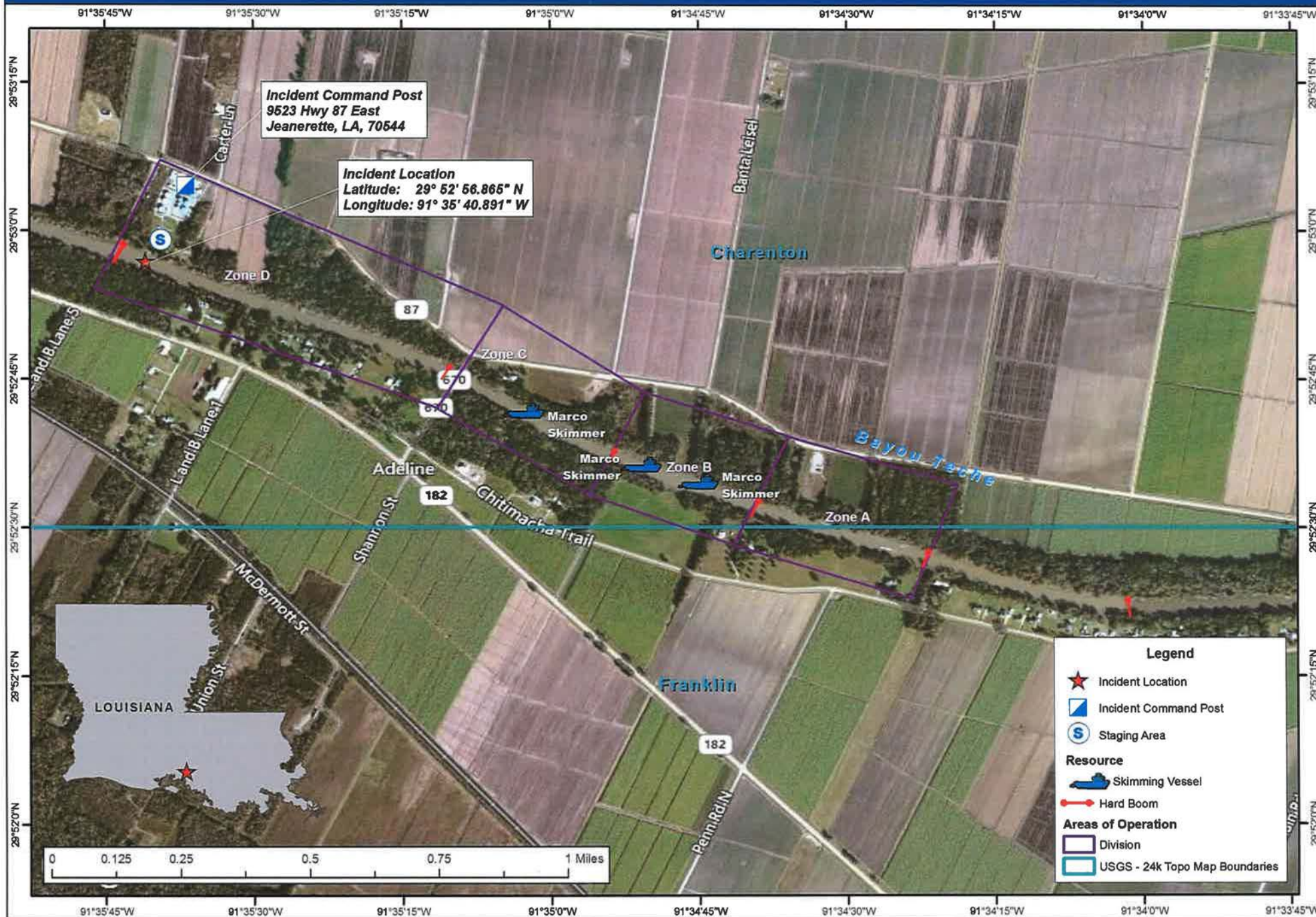


Bayou Teche Incident All Divisions Overview Map

March 29, 2016

The Response Group
Emergency Response Fire Planning & Support
281-880-0000

Scale: 1:15,000



ICS 202 - Incident Objectives		Version Name: Period 1 ObJectives	
Incident Name: Bayou Teche Incident		Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]	
Objective(s)			
Ensure the Safety of Citizens and Response Personnel			
Maximize Protection of Environmentally-Sensitive Areas			
Contain and Recover Spilled Material			
Manage Coordinated Response Effort			
Keep the Public and Stakeholders Informed of Response Activities			
Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)			
ICS 202 - Incident Objectives		Prepared By Planning, Updated 03/29/2016 20:19 GMT -6:00 PP	
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/29/2016 20:34 GMT -6:00	© TRG

ICS 204 - Assignment List			Area Of Operation: Air Monitoring Group	
Incident Name: Bayou Teche Incident			Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Headley, Kirk	AMPOL	337-519-8071	
Air Monitoring Group Supervisor	Rieth, Mikey	CTEH	504-432-2843	
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Air Monitoring Group	Equipment: Safety	Multi RAE Monitor	8 each	
Air Monitoring Group	Manpower: Responder	Air Monitoring Personnel	8 each	
Air Monitoring Group	Vehicle	Vehicle	2 each	
Air Monitoring Group	Equipment: Safety	Ultra RAE Monitor	8 each	
Air Monitoring Group	Equipment: Safety	Area RAE Monitor	5 each	
Assignments				
Conduct continuous air monitoring in Divisions A, B, C, D and neighboring Communities, in accordance with the Air Monitoring plan developed by CTEH.				
Special Environmental Considerations				
Do not attempt to retrieve oiled/stressed wildlife. Contact Division Supervisor or Operations Section Chief if oiled/stressed wildlife is observed.				
Special Site-Specific Safety Considerations				
Report any safety related incidents to the Safety Officer Don Meche 337-230-1413.				
Additional Information				
St. Mary Parish Sherriff's office will conduct roving security operations during night shift until further directed. Chitamacha Police Department will provide security detail at the Chitamacha boat launch during night shift until further directed. St. Mary Parish Sherriff's office will conduct roving security operations during night shift until further directed. Chitamacha Police Department will provide security detail at the Chitamacha boat launch during night shift until further directed.				
ICS 204 - Assignment List			Prepared By Tannehill, Lance, Updated 03/29/2016 20:10 GMT -6: PP	
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/29/2016 20:34 GMT -6:00		© TRG

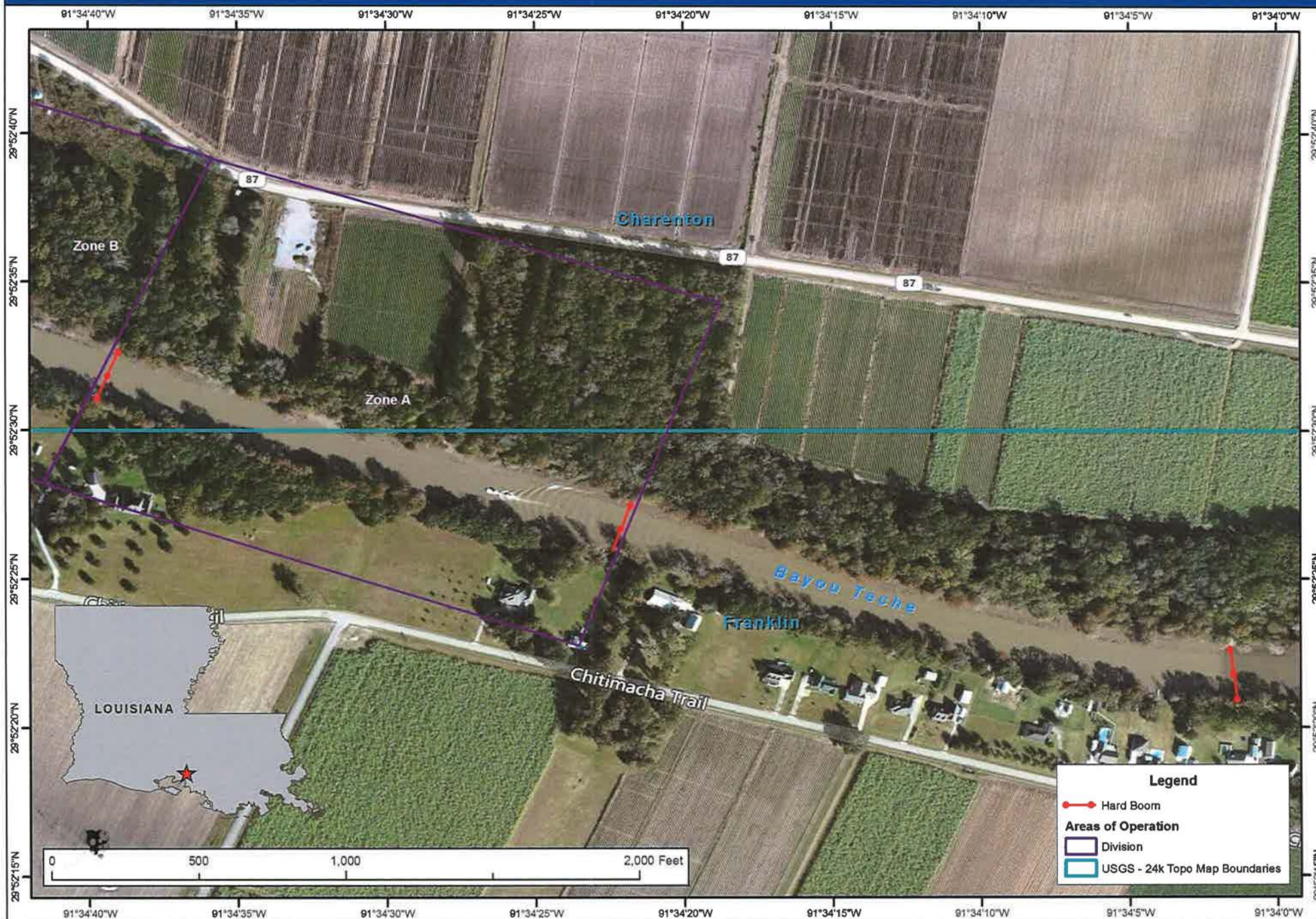
ICS 204 - Assignment List			Area Of Operation: Division A		
Incident Name: Bayou Teche Incident			Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]		
Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Headley, Kirk	AMPOL	337-519-8071		
Division A Supervisor	Leleux, Woody	AMPOL	337-230-8717		
Resources Required					
Area Of Operation	Resource Kind	Description	Quantity	Size	
Division A	Vessel	Barge Boat	1 each		
Division A	Skimmer	Drum Skimmer	1 each		
Division A	Vessel	Response Boat w/ Flush Pump	1 each		
Division A	Manpower: Responder	Spill Technicians	3 each		
Division A	Manpower: Operator	Boat Operator	2 each		
Division A	Manpower: Supervisor	Manpower: Supervisor	2 each		
Division A	Boom	Hard Boom	1000 feet		
Assignments					
Monitor & maintain integrity of deployed boom in Bayou Teche. Utilize Barge Boats, Drum skimmers, & Response boats with flush pumps to conduct flushing, skimming, & recovery efforts in Division A in free floating/oiled areas.					
Special Environmental Considerations					
Do not attempt to retrieve oiled/stressed wildlife. Contact Division Supervisor or Operations Section Chief if oiled/stressed wildlife is observed.					
Special Site-Specific Safety Considerations					
Report any safety related incidents to the Safety Officer Don Meche 337-230-1413.					
Additional Information					
St. Mary Parish Sherriff's office will conduct roving security operations during night shift until further directed. Chitamacha Police Department will provide security detail at the Chitamacha boat launch during night shift until further directed.					
ICS 204 - Assignment List			Prepared By Pasquier, John, Updated 03/30/2016 05:55 GMT -6:00 PP		
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/30/2016 05:55 GMT -6:00	Page 1 of 1		© TRG	



Bayou Teche Incident Division A Overview Map March 29, 2016

The Response Group
Emergency Response | Fire Planning & Support
281-880-5000

Scale: 1:5,000



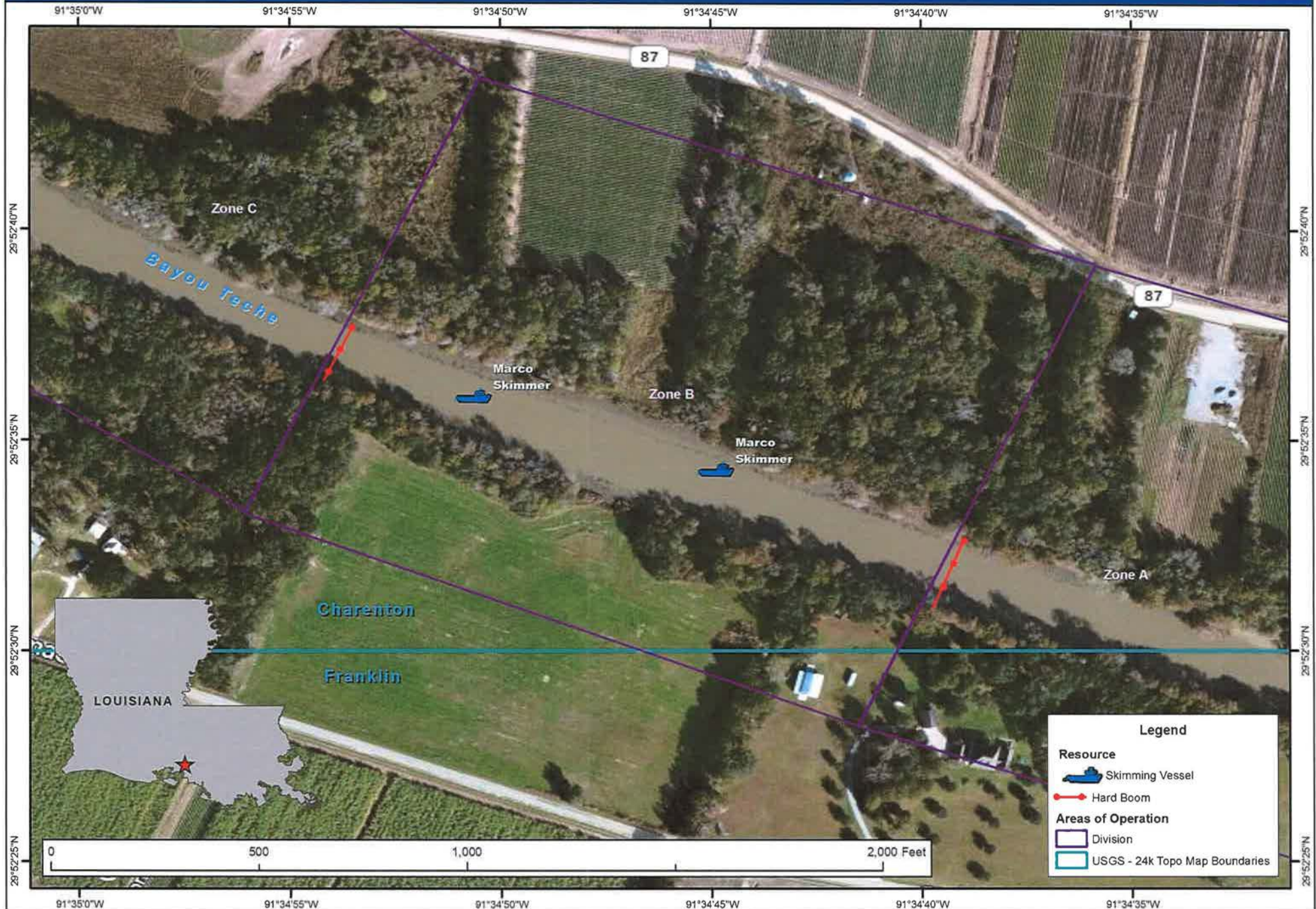
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Bayou Teche Incident Division B Overview Map March 29, 2016

The Response Group
Emergency Response Pre-Planning & Support
281-890-5000

Scale: 1:3,500



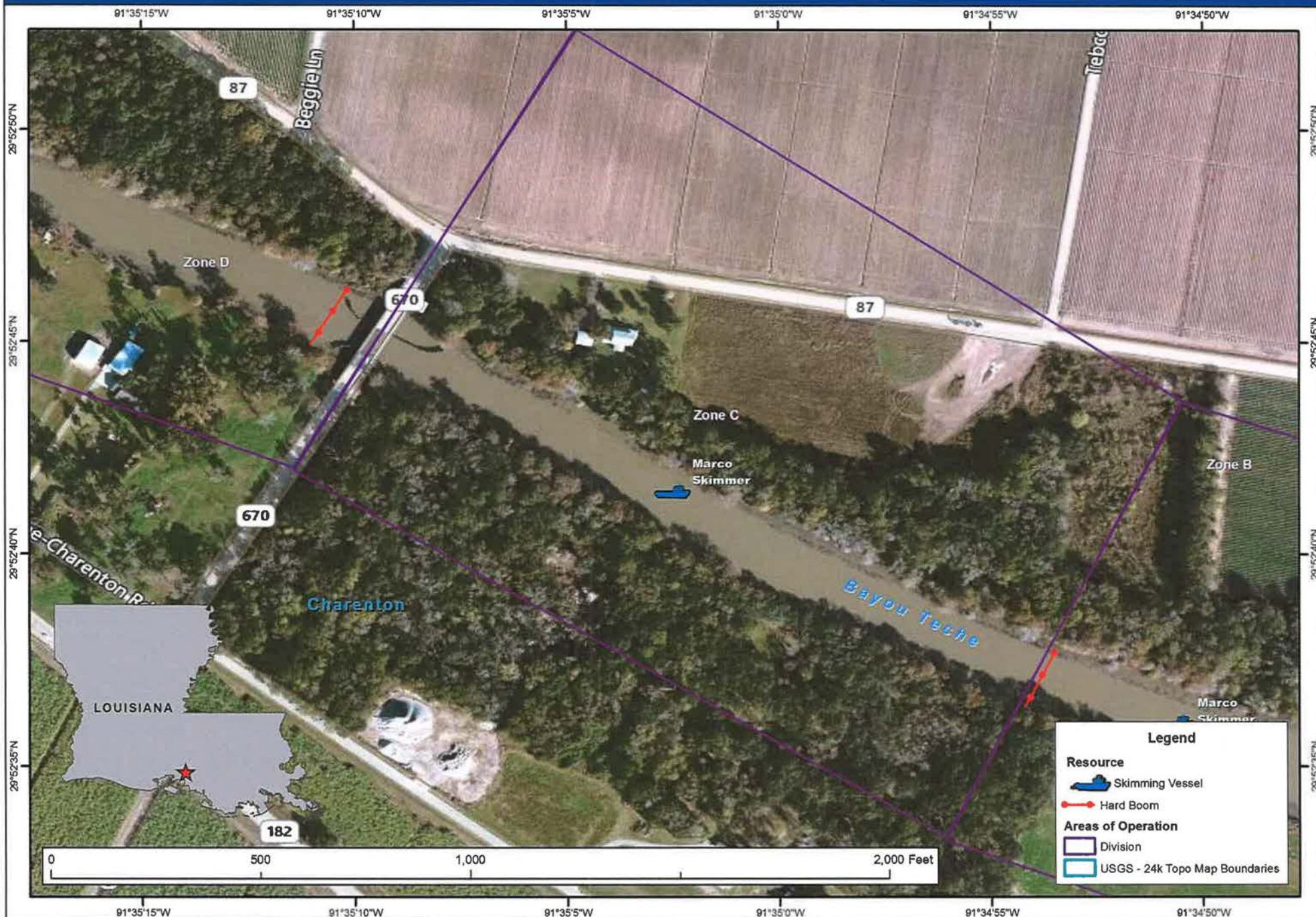
ICS 204 - Assignment List			Area Of Operation: Division C	
Incident Name: Bayou Teche Incident			Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Headley, Kirk	AMPOL	337-519-8071	
Division C Supervisor	Allen, Jean	AMPOL	504-342-7393	
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division C	Vessel	Barge Boat	1 each	
Division C	Vessel	Response Boat w/ Flush Pump	2 each	
Division C	Manpower: Responder	Spill Technicians	5 each	
Division C	Manpower: Operator	Boat Operator	4 each	
Division C	Manpower: Supervisor	Manpower: Supervisor	2 each	
Division C	Vessel	Marco Skimming Vessel	1 each	
Division C	Boom	Hard Boom	1000 feet	
Assignments				
Monitor & maintain integrity of deployed boom in Bayou Teche. Utilize Marco Skimmers, Barge Boats, drum skimmers, & Response boats with flush pumps to conduct flushing, skimming, & recovery efforts in Division C in free floating/oiled areas.				
Special Environmental Considerations				
Do not attempt to retrieve oiled/stressed wildlife. Contact Division Supervisor or Operations Section Chief if oiled/stressed wildlife is observed.				
Special Site-Specific Safety Considerations				
Report any safety related incidents to the Safety Officer Don Meche 337-230-1413.				
Additional Information				
St. Mary Parish Sherriff's office will conduct roving security operations during night shift until further directed. Chitamacha Police Department will provide security detail at the Chitamacha boat launch during night shift until further directed.				
ICS 204 - Assignment List			Prepared By Pasquier, John, Updated 03/29/2016 20:03 GMT -6:00 PP	
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/29/2016 20:34 GMT -6:00		© TRG



Bayou Teche Incident Division C Overview Map March 29, 2016

The Response Group
Emergency Response / Pre-Planning & Support
281-880-5000

Scale: 1:3,500



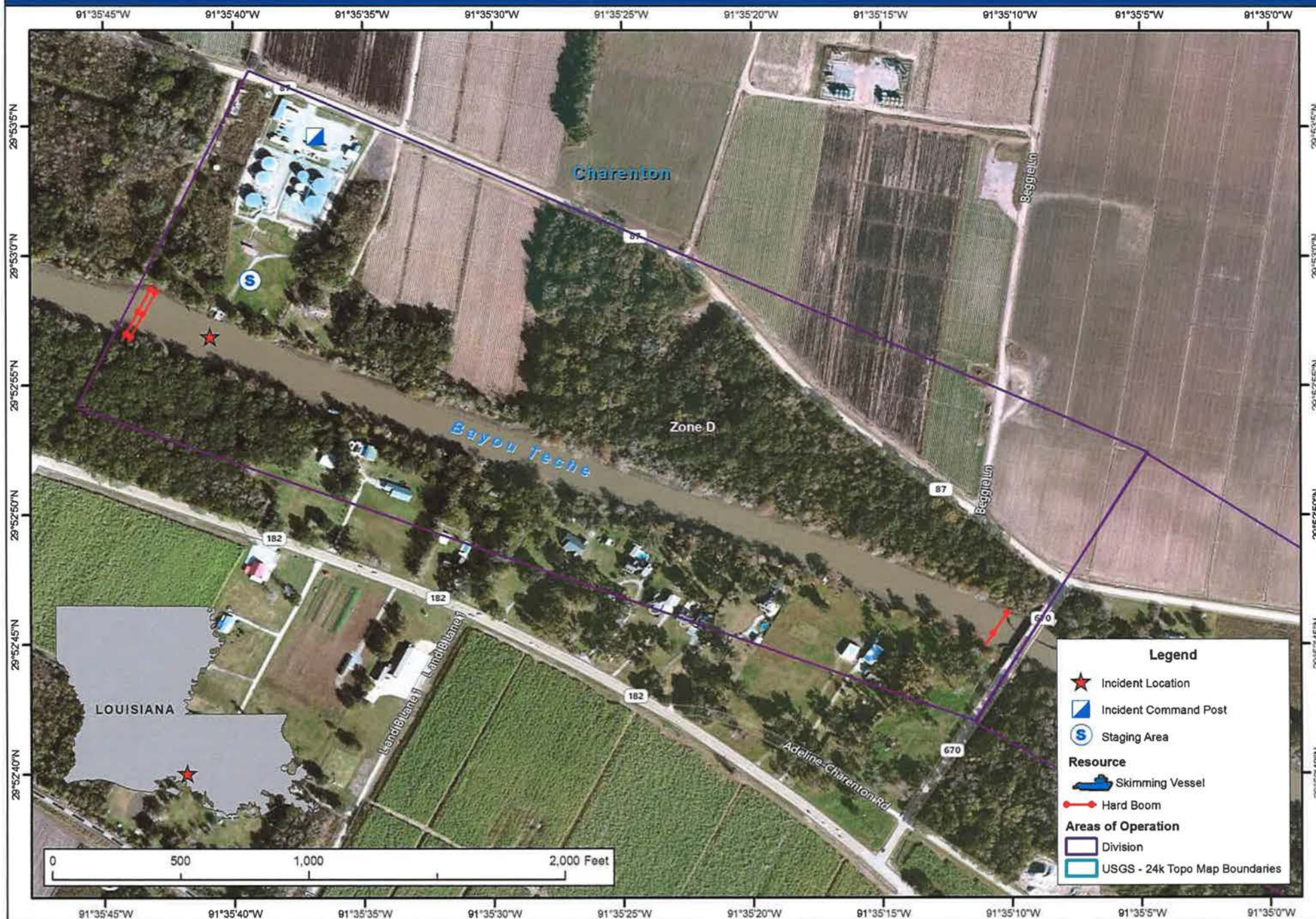
ICS 204 - Assignment List			Area Of Operation: Division D		
Incident Name: Bayou Teche Incident			Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]		
Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Division D Supervisor	Headley, Kirk	AMPOL	337-519-8071		
Division D Supervisor	Donnelly, Rowdy	AMPOL	504-304-9650		
Resources Required					
Area Of Operation	Resource Kind	Description	Quantity	Size	
Division D	Vessel	Barge Boat	1 each		
Division D	Vessel	Response Boat w/ Flush Pump	2 each		
Division D	Manpower: Responder	Spill Technicians	5 each		
Division D	Manpower: Operator	Boat Operator	3 each		
Division D	Vacuum Truck	Vacuum Truck	1 each		
Division D	Boom	Hard Boom	2300 feet		
Assignments					
Monitor & maintain integrity of deployed boom in Bayou Teche. Utilize vacuum trucks, Barge Boats, drum skimmers, & Response boats with flush pumps to conduct flushing, skimming, & recovery efforts in Division D in free floating/oiled areas.					
Special Environmental Considerations					
Do not attempt to retrieve oiled/stressed wildlife. Contact Division Supervisor or Operations Section Chief if oiled/stressed wildlife is observed.					
Special Site-Specific Safety Considerations					
Report any safety related incidents to the Safety Officer Don Meche 337-230-1413.					
Additional Information					
St. Mary Parish Sherriff's office will conduct roving security operations during night shift until further directed. Chitamacha Police Department will provide security detail at the Chitamacha boat launch during night shift until further directed.					
ICS 204 - Assignment List			Prepared By Pasquier, John, Updated 03/29/2016 20:02 GMT -6:00 PP		
INCIDENT ACTION PLAN SOFTWARE™			Printed 03/29/2016 20:34 GMT -6:00		© TRG



Bayou Teche Incident Division D Overview Map March 29, 2016

The Response Group
Emergency Response | Pre-Planning & Support
281-880-5000

Scale: 1:5,732



ICS 205 - Radio Communications					Version Name: Communications Plan				
Incident Name: Bayou Teche Incident					Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]				
Radio Channel Information									
Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N or W	Rx Tone/NAC	Tx Freq N or W	Tx Tone/NAC	Mode (A, D, or M)	Remarks
22		Operations	Staging Area - PSC Dock Division A Division B Division C Division D						
Special Radio Instructions									
Use cell phone communication until radios are available for responders.									
ICS 205 - Radio Communications					Prepared By Operations, Updated 03/29/2016 19:44 GMT -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™			Printed 03/29/2016 20:34 GMT -6:00					© TRG	

ICS 206 - Medical Plan				Version Name: 03/29/2016 18:21:03				
Incident Name: Bayou Teche Incident				Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]				
Medical Aid Stations								
<i>Name</i>		<i>Location</i>		<i>Paramedic On Site</i>	<i>Phone</i>		<i>Radio</i>	
Acadian Ambulance		-91.59474 29.88252		<input checked="" type="checkbox"/>	Ph1: 911			
Transportation (Ground and/or Air Ambulance Services)								
<i>Ambulance Service</i>		<i>Location</i>		<i>Phone</i>		<i>Radio</i>	<i>Air</i>	<i>ALS</i>
A ACLS Advanced Air Ambulance - Lafayette		Lafayette		Ph1: (800) 633-3590			<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hospitals								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Franklin Foundation Hospital	1097 Northwest Blvd Franklin, LA 70538 -91.525 29.8021	Ph1: 337-828-0760		min	min	II	<input type="checkbox"/>	<input type="checkbox"/>
Iberia General Hospital And Medical Center	2315 E Main Street New Iberia, LA 70562 -91.7846 29.9885	Ph1: 337-364-0441		min	min	II	<input type="checkbox"/>	<input type="checkbox"/>
Iberia Rehabilitation Hospital	532 Jefferson Terrace Street New Iberia, LA 70560 -91.8071 29.9899	Ph1: 337-364-6923		min	min		<input type="checkbox"/>	<input type="checkbox"/>
Dauterive Hospital	600 North Lewis Street New Iberia, LA 70563 -91.7955 30.0078	Ph1: 337-365-7311		min	min	II	<input type="checkbox"/>	<input type="checkbox"/>
Special Medical Emergency Procedures								
ICS 206 - Medical Plan				Prepared By McConaughy, Brian, Updated 03/29/2016 18:21 GMT -				
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/29/2016 20:34 GMT -6:00					© TRG	

ICS 207 - Organization Chart

Version Name: Overall

Incident Name: Bayou Teche Incident

Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]

Federal OSC
Hayes, Mark
State OSC
Viator, Chris
Responsible Party IC
Landos, Harry
Deputy Incident Commander
Segura, Terry

Safety Officer
Meche, Don
Assistant Safety Officer
Celestine, Joe

Operations Section Chief

Headley, Kirk

Air Monitoring Group Supervisor

Rieth, Mikey

Division A Supervisor

Leleux, Rudy

Division B Supervisor

Brossard, Tom

Division C Supervisor

Allen, Jean

Division D Supervisor

Donnelly, Rowdy

Planning Section Chief

Theriot, Matt

IAP Support Specialist

Tannehill, Lance

McConaughy, Brian

GIS Specialist

Miller, Aaron

Staging Area Manager

Buckley, Joe

Logistics Section Chief

Babin, Everette

Deputy Logistics Section Chief

Ducato, Jeff

Finance Section Chief

ICS 207 - Organization Chart

Prepared By Tannehill, Lance, Updated 03/29/2016 19:59 GMT -6: PP

INCIDENT ACTION PLAN SOFTWARE™

Printed 03/29/2016 20:34 GMT -6:00

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ICS 208 - Site Safety Plan				Version Name: 20160330 Period 1				
Incident Name: Bayou Teche Incident				Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]				
Applies to Site: Incident Location								
Site Characterization								
Water		Land		Weather				
Wave Height		Land Use		Air Temp		75.00 F		
Speed				Wind Speed		13.00 mph		
Direction				Direction		ESE		
Site Hazards								
Yes	No	Hazards	Yes	No	Hazards	Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	Electrical Operations	<input type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Air Monitoring Limits								
Oxygen Level				Hydrogen Sulfide				
LEL				Benzene				
Engineering Controls								
<input checked="" type="checkbox"/>	Source of release secured		<input type="checkbox"/>	Valve(s) closed		<input type="checkbox"/>	Energy sources locked/tagged out	
<input checked="" type="checkbox"/>	Site secured		<input type="checkbox"/>	Facility shut down				
Personal Protective Equipment Required								
<input checked="" type="checkbox"/>	Impervious suit		<input type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection	
<input type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input checked="" type="checkbox"/>	Personal flotation	
<input checked="" type="checkbox"/>	Outer gloves		<input type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots	
Additional Control Measures Established								
<input checked="" type="checkbox"/>	Decontamination		<input type="checkbox"/>	Illumination		<input type="checkbox"/>	Additional stations established	
<input type="checkbox"/>	Sanitation		<input type="checkbox"/>	Medical surveillance		<input type="checkbox"/>	Facilities provided	
Work Plan								
<input checked="" type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work	
<input checked="" type="checkbox"/>	Skimming		<input type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used	
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads				
<input type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching				
Training								
<input type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements		HAZWOPER		
Organization								
Position		Name		Telephone/Radio		Position		
Federal OSC		Hayes, Mark				Deputy Incident Commander		
State OSC		Viator, Chris				Safety Officer		
						Meche, Don		
ICS 208 - Site Safety Plan				Prepared By Safety, Updated 03/29/2016 19:52 GMT -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/29/2016 20:34 GMT -6:00				© TRG		


ICS 208 - Site Safety Plan				Version Name: 20160330 Period 1			
Incident Name: Bayou Teche Incident				Period: Period 1 [03/30/2016 06:00 - 03/31/2016 06:00]			
Incident Commander		Lanclos, Harry		713-817-9726		Operations Section Chief	
						Headley, Kirk	
Emergency Plan							
<input type="checkbox"/> Fire Prevention Plan		<input type="checkbox"/> Evacuation Plan					
<input type="checkbox"/> Alarm System		<input checked="" type="checkbox"/> First Aid Location					
Notifications							
<i>Facility</i>		<i>Phone</i>		<i>Facility</i>		<i>Phone</i>	
<input type="checkbox"/> Hospital				<input type="checkbox"/> Fire			
<input type="checkbox"/> Ambulance				<input type="checkbox"/> Law Enforcement			
<input type="checkbox"/> Air Ambulance				<input type="checkbox"/> Emergency Response/Rescue			
Initial Briefing							
<input checked="" type="checkbox"/> Initial safety briefing prepared for each site							
Attachments/Appendices							
Attachment				Filename			
Site Safety Plan.pdf				Site Safety Plan.pdf			
SDS Sheet.pdf				SDS Sheet.pdf			
ICS 208 - Site Safety Plan				Prepared By Safety, Updated 03/29/2016 19:52 GMT -6:00 PP			
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/29/2016 20:34 GMT -6:00				© TRG	

SITE SPECIFIC HEALTH & SAFETY PLAN

JOB #: 10/01

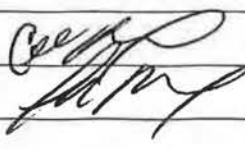
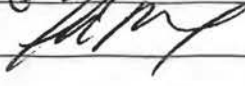
USE: THIS PLAN MUST BE ON SITE AT ALL TIMES - REVIEWED AND SIGNED BY EVERYONE WHO ENTERS THE WORK AREA. NO CHANGES ARE TO BE MADE TO THIS PLAN WITHOUT THE APPROVAL OF THE SITE MANAGER AND THE SAFETY OFFICER.

A. SITE INFORMATION:

1. SITE NAME: <i>PSC</i>		
2. ADDRESS/LOCATION:		
3. DATE PLAN PREPARED: <i>3-28-16</i>		
EXPIRES:		
4. PREPARED BY: <i>C. Breaux</i>		
TITLE: <i>Supervisor</i>		
5. MAJOR HAZARD(S):		
6. WEATHER CONDITIONS: 		
TEMP: <i>62°</i>	WIND: <i>NE 4MPH</i>	HUMIDITY: <i>98%</i>
7. TOPOGRAPHY:		

B. ON-SITE ORGANIZATION:

THE FOLLOWING PERSONNEL ARE ASSIGNED TO CARRY OUT THE JOB AND THE FUNCTIONS OF THAT JOB. NO CHANGES ARE TO BE MADE WITHOUT THE APPROVAL OF THE PROJECT MANAGER AND NOTED BY THE SAFETY OFFICER ON THIS PLAN.

PRINT NAME	SIGNATURE	DATE
PROJECT MANAGER		
OPERATIONS MANAGER		
HUMAN RESOURCES		
SITE SAFETY OFFICER		<i>3-28-16</i>
SITE SUPERVISOR		<i>3-28-16</i>
SITE SUPERVISOR		

FEDERAL ON-SCENE COORDINATOR		
STATE ON-SCENE COORDINATOR		
CLIENT REPRESENTATIVE (INITIAL REVIEW)		
CLIENT REPRESENTATIVE (UPON COMPLETION)		
TEAM LEADER		
TEAM LEADER		

CREW MEMBERS

PRINT NAME	SIGNATURE	DATE
1. Corey Brumby		3-28-16
2. Mat Theriot		3-28-16
3. Jean Allen		3-28-16
4. Woody Lebeux		3-28-16
5. Albert Projean		3-28-16
6. James Bryant		3-28-16
7. Brandon McAlister		3-28-16
8. Ryan Decuir		3-28-16
9. Cortlan Harrison		3-28-16
10. Rowdy Kennedy		3-28-16
11. Joseph Celestine		3-28-16
12. Jonathan Cole		3-28-16
13. Kenneth Smith		3-28-16
14. John Carnevale		3-29-16
15. Derek Neville		3-29-16
16. Lamont Wiltz		3-29-16
17. Jade Viator		3-29-16
18. Ashton Landry		3-29-16
19. Golden Thompson		3-29-16
20. Lorna Skema		3-29-16
21. Robert Wadsworth		3-29-16

Conrell Collins
Erick Lebet
Darrell Bowie
Lorna Skema

Conrell Collins
Erick Lebet
Darrell Bowie
Lorna Skema

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D. L. L. L.

DaJean Polk
~~Rich Ledy~~

Ja

Bird

Julius Polli

L. B.

D. L. L.

3/27/16

3-29-16

3/29/16

3/29/16

3/29/16

3/29/16

3/29/16

22.		
23.		

(USE BACK OF PAGE FOR ADDITIONAL SIGNATURES)

C. ON SITE AND CONTROL:

1. ~~PSL~~ PSL IS THE "ON SITE SECURITY COORDINATOR". ALL QUESTIONS OR CONCERNS WILL BE DIRECTED TO HIM/HER.

2. "NO UNAUTHORIZED PERSON OR PERSONS ARE ALLOWED ON SITE. SECURITY IS THE RESPONSIBILITY OF ALL PERSONNEL. REPORT ANY SECURITY VIOLATIONS IMMEDIATELY.

3. AFTER HOURS SECURITY WILL BE PROVIDED BY: PSL

CONTACT PERSON:

PHONE #:

4. THE AFTER HOURS SECURITY DETAIL WILL START AT: _____ HOURS AND END AT _____ HOURS.

5. AS PART OF THIS PLAN, THE LOCAL LAW ENFORCEMENT AGENCY THAT HAS JURISDICTION MUST BE CONTACTED PRIOR TO THE BEGINNING OF OPERATIONS.

NAME OF AGENCY: ST. MARK SHERIFFS OFFICE

PERSON CONTACTED:

NON-EMERGENCY PHONE #: (337) 828-1960

EMERGENCY PHONE #: () 911 OR LOCAL 9-1-1

D. SITE CONTINGENCY/ EMERGENCY MEDICAL CARE:

1. ALL INJURIES WILL BE REPORTED TO THE SAFETY OFFICER. INJURIES WILL BE ASSESSED AND THE NATURE OF THE INJURY WILL DETERMINE THE COURSE OF ACTION TO BE TAKEN.

2. FIRST AID EQUIPMENT AND SUPPLIES FOR MINOR INJURIES ARE ON SITE.

- A. FIRST AID KIT: Trailer
B. EMERGENCY EYE WASH: Trailer
C. EMERGENCY SHOWER: Trailer

3. THE CLOSEST MINOR EMERGENCY FACILITY OR DOCTOR'S OFFICE IS LOCATED.

NAME: Teche Occupational Medicine

STREET: 510 Jefferson Terrace

CITY: New Iberia STATE: LA ZIP: 70560

CONTACT PERSON: _____ PHONE #: (337) 560-0931

THIS MEDICAL FACILITY IS 22 MILE(S) FROM THE WORK SITE.

DRIVE TIME IS APPROXIMATELY 15 MINUTES.

THIS FACILITY WAS CONTACTED PRIOR TO OPERATIONS BEGINNING. YES NO (CIRCLE ONE)

A MAP WITH DIRECTIONS IS AT THE FOLLOWING LOCATION. Trailer

4. EMERGENCY MEDICAL SERVICES (EMS) ARE PROVIDED BY:

NAME: Atadian Ambulance

STREET: _____

CITY: _____ STATE: _____ ZIP: _____

EMERGENCY PHONE #: () 911 OR LOCAL 9-1-1

SERVICES PROVIDED: (ALS) ADVANCED LIFE SUPPORT (CIRCLE ONE): YES NO

(BLS) BASIC LIFE SUPPORT (CIRCLE ONE): YES NO

EMT FIRST AID BY EMERGENCY MEDICAL TECHNICIANS: (CIRCLE ONE): YES NO

EMERGENCY GROUND TRANSPORTATION (CIRCLE ONE) WILL WILL NOT BE PROVIDED BY THIS ORGANIZATION.

5. INFORMATION FOR EMERGENCY TRANSPORT IF NOT AVAILABLE BY EMS. (LISTED IN ITEM 4 ABOVE)

NAME: Alca

STREET: W 1A

CITY: _____ STATE: _____ ZIP: _____

CONTACT PERSON: _____ PHONE #: () _____

ESTIMATED RESPONSE TIME AFTER NOTIFICATION IS _____ MINUTES.

ESTIMATED TIME FROM SITE TO CLOSEST MEDICAL FACILITY IS _____ MINUTES.

6. THE CLOSEST LEVEL 1 TRAUMA CENTER IS LOCATED AT:

NAME: University Medical Center

STREET: 2000 Canal ST

CITY: New Orleans STATE: LA ZIP: 70112

THIS FACILITY IS 11.8 MILES FROM THE WORK SITE.

GROUND TRANSPORTATION IS 1 HOUR(S) 56 MINUTES.

IS AIR TRANSPORTATION AVAILABLE IN THIS AREA? (CIRCLE ONE) YES NO

FLIGHT TIME TO THIS FACILITY FROM TIME OF NOTIFICATION IS 45 HOURS minutes

MINUTES.

NOTES

E. ENTRY OBJECTIVES:

1. THE PURPOSE OF ENTERING THIS WORKSITE IS: Clean oil spill
2. DAILY GOALS AND TASKS WILL BE SET AT THE MORNING MEETING.
3. OBJECTIVES WILL BE DISCUSSED AT THIS TIME.
4. THE WORK DAY WILL CLOSE WITH A DEBRIEFING AND CRITIQUE OF THE DAY'S ACTIVITIES.

F. SAFETY HAZARDS:

HAZARD	PREVENTATIVE MEASURES
1. Night OPS	Use Flashlights, Boat Lights, Truck Light;
2. Falling in water	Wear PFD
3. Slippery conditions	Move slowly, watch footing

4.	
5.	

DURING INCLEMENT WEATHER ALL WARNINGS BY THE NATIONAL WEATHER SERVICE WILL BE MONITORED UNTIL THE WARNINGS HAVE EXPIRED

G. PERSONAL PROTECTIVE EQUIPMENT (PPE):

1. LEVEL-A	FULLY ENCAPSULATED SUIT / SUPPLIED AIR SCBA
2. LEVEL-B	COVERALLS (TYVEK)/ SUPPLIED AIR/GLOVES/SAFETY BOOTS
3. LEVEL-C	COVERALLS/RESPIRATOR/GLOVES/SAFETY BOOTS/HARD HAT
4. LEVEL-D	WORK UNIFORMS/HARD HAT/SAFETY BOOTS/GLOVES/SAFETY GLASSES

NOTE:

- IF THERE IS A POSSIBILITY OF FLAMMABLE VAPORS IN THE AREA, FIRE RETARDANT CLOTHING (FRC) WILL BE USED.
- IF ENTRY TEAM IS IN Level-A or B PPE A RAPID INTERVENTION TEAM (RIT) WILL BE ON STAND-BY AT ALL TIMES. THE Two-In/Two-Out RULE WILL APPLY.

NOTES

Poly coated Tyvek
Nitrile gloves
Hard Hat
Safety Glasses
PFD

WORK PLAN:

PROJECT NAME: <i>PSC</i>	JOB#: <i>10101</i>
PREPARED BY: <i>C. Breaux</i>	DATE: <i>3-28-16</i>
DATE EMPLOYEES BRIEFED: <i>3-28-16</i>	TIME: <i>22:00</i>

WORK TO BE DONE THIS PERIOD IS FOR: (CIRCLE ONE) HALF DAY / FULL DAY / WEEK

Task 1:

Equipment to be used: <i>Drum skimmer</i>
Risk Analysis: <i>Falling in water, BACKSTRAINS, STF</i>
Specific Location: <i>BY Ditch BACK of Fank Farm</i>

Task 2:

Equipment to be used: <i>Containment Boom</i>
Risk Analysis: <i>CUTS SCRAPES, Falling in water, BACKSTRAINS STF, SLIPPERY CONDITIONS</i>
Specific Location: <i>Bridge, Loading dock</i>
Task Force Leader for Task 1: <i>C. Breaux</i>

Task Force Leader for Task 2:

Task 3:

Equipment to be used:

VAL TRUCK

Risk Analysis:

STF, BACK STRAIN, STUCK 15Y,

Specific Location:

LOADING DOCK

Task 4:

Equipment to be used:

Risk Analysis:

Specific Location:

Task Force Leader for Task 3:

Task Force Leader for Task 4:

(ADDITIONAL WORK, PLAIN SHEETS MAY BE ATTACHED TO THIS DOCUMENT)

H. COMMUNICATION PROCEDURES:

1. RADIOS (CIRCLE ONE) WILL WILL NOT BE USED.

2. THE FOLLOWING STANDARD HAND SIGNALS WILL BE USED IN THE EVENT OTHER FORMS OF COMMUNICATIONS FAIL.

HAND GRIPPING THROAT	OUT OF AIR
GRIP PARTNER'S WRIST	LEAVE AREA IMMEDIATELY
HANDS ON TOP OF HEAD	NEED ASSISTANCE
THUMBS UP	OK, I AM ALRIGHT, I UNDERSTAND
THUMBS DOWN	NO, NEGATIVE

I. DECONTAMINATION:

1. DECON WILL BE ESTABLISHED WHEN IT IS DETERMINED THAT HAZARDOUS PRODUCTS ARE PRESENT.
2. GROSS DECON PROCEDURES WILL BE USED IN THE EVENT OF AN EMERGENCY. EVERY ATTEMPT WILL BE MADE TO CONTAIN RUN-OFF, UNLESS THIS WILL POSE AN UNREASONABLE RISK TO WORKERS.
3. IF DECONTAMINATION IS TO BE PART OF THIS OPERATION, A SEPARATE DECON-PLAN WILL BE ATTACHED ALONG WITH SUPPORTING DOCUMENTS. (SUCH AS: MSDS, SHIPPING PAPERS OR MANUFACTURER PRODUCT INFORMATION.

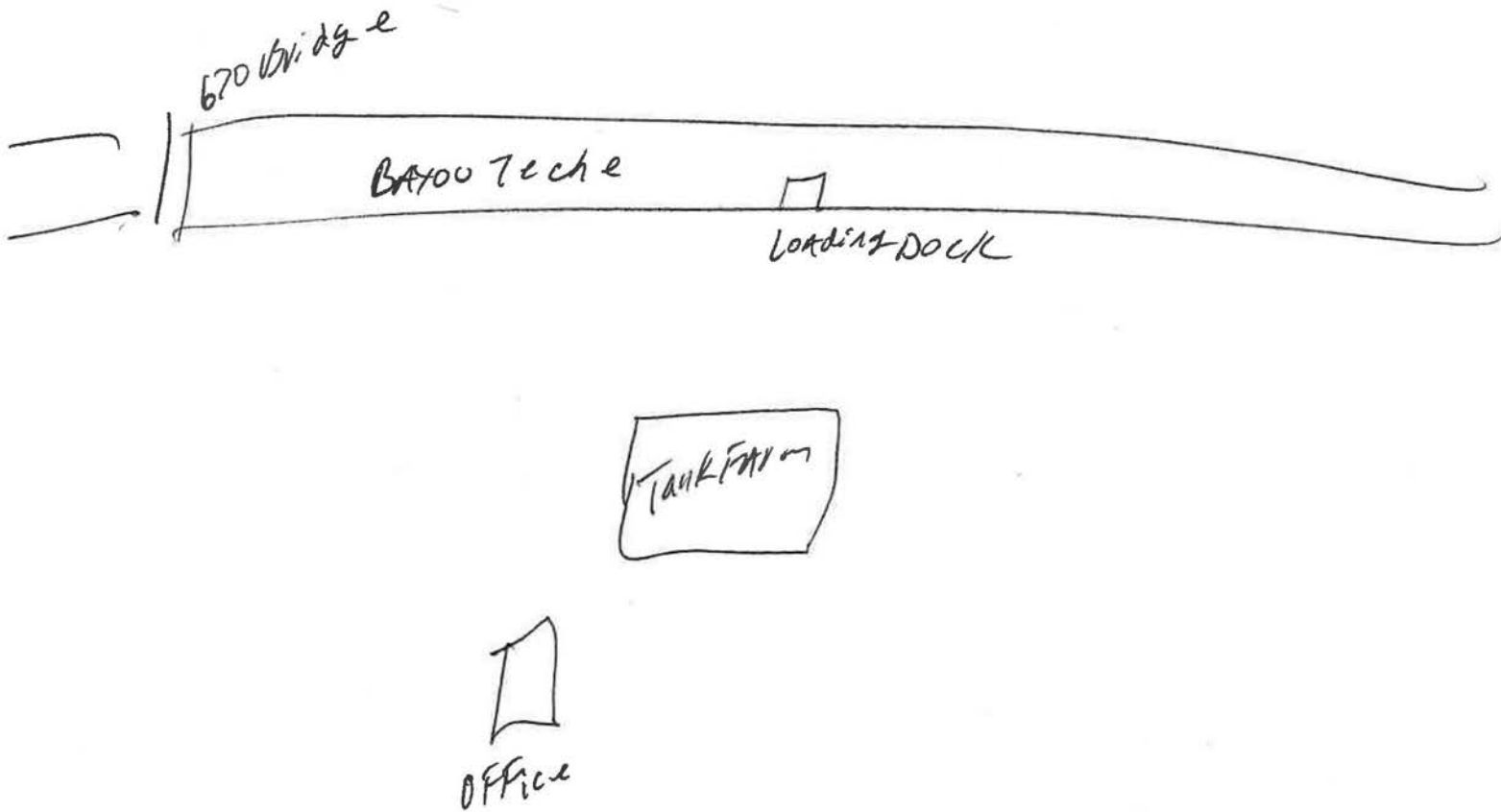
J. EVACUATION PLAN:

1. A SAFE AREA HAS BEEN SELECTED 5' OF THE WORK AREA 300 FEET AWAY.
2. AN ASSEMBLY POINT IS LOCATED 200 FEET AWAY FROM THE WORK AREA. THE CLOSEST LANDMARK IS Tank Farm.
3. A SAFE BUILDING IS LOCATED AT Office Trailer.
4. IF NO BUILDING IS AVAILABLE, USE VEHICLES, TERRAIN, OR NATURAL BARRIERS FOR PROTECTION.
5. A HEAD COUNT WILL BE PERFORMED AT EACH ASSEMBLY AREA AND WILL BE REPORTED TO STAFF.

K. SITE MAP:

1. THE FOLLOWING PAGE WILL BE A SITE SPECIFIC MAP OF THE AREA. (NOT TO SCALE)
2. FEATURES TO BE SHOWN BUT NOT LIMITED TO:
 - WORK AREA
 - BREAK AREA
 - EXCLUSION AREA / HOT ZONE
 - CONTAMINATION REDUCTION ZONE / WARM ZONE
 - ASSEMBLY POINTS / SAFE HAVEN

SITE MAP SHOWING ITEMS IN SECTION "K"



L. HEALTH HAZARD EVALUATION:

THE FOLLOWING SUBSTANCE(S) ARE KNOWN TO BE ON SITE. ALL SUSPECTED HAZARDS HAVE BEEN ELIMINATED. ANY PRODUCT OR SUBSTANCE THAT POSES AN UNREASONABLE RISK TO THE WORKERS, GENERAL PUBLIC OR THE ENVIRONMENT MUST BE STABILIZED, CONTROLLED OR ELIMINATED BEFORE WORK CAN BEGIN. (ADDITIONAL SHEETS MAY BE USED).

CHEMICAL INFORMATION	
CHEMICAL 1	CHEMICAL 2
CHEMICAL NAME:	CHEMICAL NAME:
TRADE NAME:	TRADE NAME:
FLASH POINT:	FLASH POINT:
LEL:	LEL:
UEL:	UEL:
SPECIFIC GRAVITY:	SPECIFIC GRAVITY:
VAPOR DENSITY:	VAPOR DENSITY:
VAPOR PRESSURE:	VAPOR PRESSURE:
OTL:	OTL:
SOLUBLE IN:	SOLUBLE IN:
REACTS WITH:	REACTS WITH:
Ph #:	Ph #:

CHEMICAL 1
SPECIAL CONSIDERATIONS:

CHEMICAL 3
SPECIAL CONSIDERATIONS:

CHEMICAL 4
SPECIAL CONSIDERATIONS:

M. JOURNEY MANAGEMENT PLAN:

THE FOLLOWING ASSESMENT NEEDS TO BE CONDUCTED BEFORE MAKING THE JOURNEY.		
1. Is this a Spill Related Emergency, Potential Spill, or would it cause the client to shutdown?	YES	NO
2. Do I need to make this Journey?	YES	NO
3. Is it SAFE enough to make this Journey NOW with current road & weather conditions?	YES	NO
4. Can I combine this Journey with another?	YES	NO
5. Can another person who is closer make this Journey?	YES	NO
6. Am I properly equipped with tools, spare parts, PPE, etc., needed for the Journey?	YES	NO
7. Preferred / Safest Route (with additional map)		

EMPLOYEE / DRIVER MUST BE INFORMED OF DRIVING "LIFE SAVING RULES" (SEATBELT USE, NO SPEEDING, CELL PHONE USE WHILE DRIVING, NO ALCOHOL / DRUGS WHILE ON COMPANY TIME, FOLLOWING THIS "JOURNEY MANAGEMENT PLAN"

DEPARTURE:

DATE: 3 128 1/6	TIME of DEPARTURE: 7 :30 PM	ETA: 8:00 PM	TOTAL TRAVEL TIME: 30 minutes (HOURS)
TRIP NAME / DESCRIPTION: PSL			
DESTINATION: PSL Jeanette		DEFENSIVE DRIVER TRAINING COMPLETED? <input checked="" type="radio"/> YES <input type="radio"/> NO	
DRIVER NAME: C. BREAU		DRIVER CELL #: 319-0055	
DRIVER'S EMERGENCY CONTACT INFORMATION			
NAME: Corey Breau		Phone #: 319 0055	
VEHICLE TYPE: Gm C	VEHICLE OWNER: C. Breau	EQUIPPED WITH MONITORING SYSTEM (IVMS)? YES <input type="radio"/> NO <input checked="" type="radio"/>	
BRIEF DESCRIPTION OF DEPARTURE ROUTE: Hwy 90 TO Hwy 87			
EXPECTED ROAD CONDITIONS / OTHER KNOWN HAZARDS:			
LIST PASSENGERS:			
1. C. Breau		4.	
2.		5.	
3.		6.	
RETURN:			
DATE: / /		TIME: :	
EXPECTED ROAD CONDITIONS / OTHER KNOWN HAZARDS:			

HAZARD MITIGATION:

1. Focus on driving ONLY.
2. Review maps and directions before getting on the road, have maps and directions close, and pull over if you have to review them.
3. Remove all distractions, cell phones etc.
4. Heavy traffic areas & construction zones should be avoided. Consider time of day when journey will take place.
5. Adjust speed as road conditions vary.
6. Avoid left turns across traffic.
7. Use familiar routes.
8. When parking, park away from high traffic areas, make sure to avoid tight parking spaces.
9. Always plan before your journey, give extra time to reach your destination.
10. Don't speed if you are running late, take your time.



Safety Data Sheet

Material Name: Crude Oil Sweet

SDS No. 6607
US GHS

Synonyms: Crude Petroleum; Sour Crude

*** Section 1 - Product and Company Identification ***

Manufacturer Information

Hess Corporation
1 Hess Plaza
Woodbridge, NJ 07095-0961

Phone: 732-750-6000 Corporate EHS
Emergency # 800-424-9300 CHEMTREC
www.hess.com (Environment, Health, Safety Internet Website)

*** Section 2 - Hazards Identification ***

GHS Classification:

Flammable Liquids - Category 2
Germ Cell Mutagenicity - Category 1B
Carcinogenicity - Category 1A
Specific Target Organ Toxicity Single Exposure - Category 3
Specific Target Organ Toxicity Repeat Exposure - Category 2

GHS LABEL ELEMENTS

Symbol(s)



Signal Word

Danger

Hazard Statements

Highly flammable liquid and vapor.
May cause genetic defects.
May cause cancer.
May cause respiratory irritation.
May cause drowsiness or dizziness.
May cause damage to organs (liver, kidneys, blood, nervous system, and skin) through prolonged or repeated exposure.

Precautionary Statements

Prevention

Keep away from heat/sparks/open flames/hot surfaces. No smoking
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Obtain special instructions before use.

Safety Data Sheet

Material Name: Crude Oil Sweet

Do not handle until all safety precautions have been read and understood.

Do not breathe gas/mist/vapors/spray

Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF ON SKIN (or hair): Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove victim to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

IF exposed or concerned: Get medical advice/attention.

In case of fire: Use water spray, fog or fire fighting foam.

Storage

Store in a well-ventilated place. Keep cool.

Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
8002-05-9	Petroleum distillates (naphtha)	100
71-43-2	Benzene	<1

A natural product derived from various oil production field primarily consisting of a complex combination of paraffinic and aromatic hydrocarbons and small amounts of nitrogen and sulfur compounds.

*** Section 4 - First Aid Measures ***

First Aid: Eyes

In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 min. Hold eyelids open to ensure adequate flushing. Seek medical attention.

First Aid: Skin

Remove contaminated clothing. Wash contaminated areas thoroughly with soap and water or waterless hand cleanser. Obtain medical attention if irritation or redness develops. Thermal burns require immediate medical attention depending on the severity and the area of the body burned.

First Aid: Ingestion

DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Monitor for breathing difficulties. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

First Aid: Inhalation

Remove person to fresh air. If person is not breathing, provide artificial respiration. If necessary, provide additional oxygen once breathing is restored if trained to do so. Seek medical attention immediately.

Safety Data Sheet

Material Name: Crude Oil Sweet

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.

Vapors may be ignited rapidly when exposed to heat, spark, open flame or other source of ignition. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard.

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke).

Extinguishing Media

SMALL FIRES: Any extinguisher suitable for Class B fires, dry chemical, CO2, water spray, fire fighting foam, or gaseous extinguishing agent.

LARGE FIRES: Water spray, fog or fire fighting foam. Water may be ineffective for fighting the fire, but may be used to cool fire-exposed containers.

Unsuitable Extinguishing Media

None

Fire Fighting Equipment/Instructions

Small fires in the incipient (beginning) stage may typically be extinguished using handheld portable fire extinguishers and other fire fighting equipment. Firefighting activities that may result in potential exposure to high heat, smoke or toxic by-products of combustion should require NIOSH/MSHA- approved pressure-demand self-contained breathing apparatus with full facepiece and full protective clothing. Isolate area around container involved in fire. Cool tanks, shells, and containers exposed to fire and excessive heat with water. For massive fires the use of unmanned hose holders or monitor nozzles may be advantageous to further minimize personnel exposure. Major fires may require withdrawal, allowing the tank to burn. Large storage tank fires typically require specially trained personnel and equipment to extinguish the fire, often including the need for properly applied fire fighting foam.

*** Section 6 - Accidental Release Measures ***

Recovery and Neutralization

Carefully contain and stop the source of the spill, if safe to do so.

Materials and Methods for Clean-Up

Take up with sand or other oil absorbing materials. Carefully shovel, scoop or sweep up into a waste container for reclamation or disposal.

Emergency Measures

Evacuate nonessential personnel and remove or secure all ignition sources. Consider wind direction; stay upwind and uphill, if possible. Evaluate the direction of product travel, diking, sewers, etc. to confirm spill areas. Product may release substantial amounts of flammable vapors and gases (e.g., methane, ethane, and propane), at or below ambient temperature depending on source and process conditions and pressure.

Personal Precautions and Protective Equipment

Response and clean-up crews must be properly trained and must utilize proper protective equipment (see Section 8).

Safety Data Sheet

Material Name: Crude Oil Sweet

Environmental Precautions

Protect bodies of water by diking, absorbents, or absorbent boom, if possible. Do not flush down sewer or drainage systems, unless system is designed and permitted to handle such material. The use of fire fighting foam may be useful in certain situations to reduce vapors. The proper use of water spray may effectively disperse product vapors or the liquid itself, preventing contact with ignition sources or areas/equipment that require protection - do not discharge solid water stream patterns into the liquid resulting in splashing.

Prevention of Secondary Hazards

None

*** Section 7 - Handling and Storage ***

Handling Procedures

Handle as a flammable liquid. Keep away from heat, sparks, and open flame! Electrical equipment should be approved for classified area. Bond and ground containers during product transfer to reduce the possibility of static-initiated fire or explosion.

Storage Procedures

Keep away from flame, sparks, excessive temperatures and open flame. Use approved vented containers. Keep containers closed and clearly labeled. Empty product containers or vessels may contain explosive vapors. Do not pressurize, cut, heat, weld or expose such containers to sources of ignition.

Store in a well-ventilated area. This storage area should comply with NFPA 30 "Flammable and Combustible Liquid Code". Avoid storage near incompatible materials. The cleaning of tanks previously containing this product should follow API Recommended Practice (RP) 2013 "Cleaning Mobile Tanks In Flammable and Combustible Liquid Service" and API RP 2015 "Cleaning Petroleum Storage Tanks."

Incompatibilities

Keep away from strong oxidizers.

*** Section 8 - Exposure Controls / Personal Protection ***

Component Exposure Limits

Petroleum distillates (naphtha) (8002-05-9)

OSHA: 400 ppm TWA; 1600 mg/m3 TWA

NIOSH: 350 mg/m3 TWA

1800 mg/m3 Ceiling (15 min)

Benzene (71-43-2)

ACGIH: 0.5 ppm TWA

2.5 ppm STEL

Skin - potential significant contribution to overall exposure by the cutaneous route

OSHA: 5 ppm STEL (Cancer hazard, Flammable, See 29 CFR 1910.1028, 15 min); 0.5 ppm Action Level; 1 ppm TWA

NIOSH: 0.1 ppm TWA

1 ppm STEL

Engineering Measures

Use adequate ventilation to keep vapor concentrations of this product below occupational exposure and flammability limits, particularly in confined spaces.

Safety Data Sheet

Material Name: Crude Oil Sweet

Personal Protective Equipment: Respiratory

A NIOSH/ MSHA-approved air-purifying respirator with organic vapor cartridges or canister may be permissible under certain circumstances where airborne concentrations are or may be expected to exceed exposure limits or for odor or irritation. Protection provided by air-purifying respirators is limited.

Use a positive pressure, air-supplied respirator if there is a potential for uncontrolled release, exposure levels are not known, in oxygen-deficient atmospheres, or any other circumstance where an air-purifying respirator may not provide adequate protection.

Personal Protective Equipment: Hands

Gloves constructed of nitrile or neoprene are recommended.

Personal Protective Equipment: Eyes

Safety glasses or goggles are recommended where there is a possibility of splashing or spraying.

Personal Protective Equipment: Skin and Body

Chemical protective clothing such as of E.I. DuPont TyChem®, Saranex® or equivalent recommended based on degree of exposure. Note: The resistance of specific material may vary from product to product as well as with degree of exposure. Consult manufacturer specifications for further information.

Hygiene Measures

Emergency eye wash capability should be available in the near proximity to operations presenting a potential splash exposure. Use good personal hygiene practices. Avoid repeated and/or prolonged skin exposure. Wash hands before eating, drinking, smoking, or using toilet facilities. Do not use as a cleaning solvent on the skin. Do not use gasoline or solvents (naphtha, kerosene, etc.) for washing this product from exposed skin areas.

Waterless hand cleaners are effective. Promptly remove contaminated clothing and launder before reuse. Use care when laundering to prevent the formation of flammable vapors which could ignite via washer or dryer. Consider the need to discard contaminated leather shoes and gloves.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	Thick, dark yellow to brown or greenish black	Odor:	Characteristic, petroleum/asphalt-type odor
Physical State:	Liquid	pH:	ND
Vapor Pressure:	Variable	Vapor Density:	3-5 typical
Boiling Point:	AP 100-1000+ °F (>260 °C)	Melting Point:	ND
Solubility (H2O):	Insoluble to slightly soluble	Specific Gravity:	AP 0.7-0.9 (varies)
Evaporation Rate:	Variable	VOC:	ND
Octanol/H2O Coeff.:	ND	Flash Point:	<73 to >200 °F (<23 to >93°C)
Flash Point Method:	ND	Upper Flammability Limit (UFL):	ND
Lower Flammability Limit (LFL):	ND	Burning Rate:	ND
Auto Ignition:	ND		

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

Hazardous Reaction Potential

Will not occur.

Safety Data Sheet

Material Name: Crude Oil Sweet

Conditions to Avoid

Avoid high temperatures, open flames, sparks, welding, smoking and other ignition sources.

Incompatible Products

Keep away from strong oxidizers.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke).

*** Section 11 - Toxicological Information ***

Acute Toxicity

A: General Product Information

Harmful if swallowed.

B: Component Analysis - LD50/LC50

Petroleum distillates (naphtha) (8002-05-9)

Oral LD50 Rat >4300 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

Benzene (71-43-2)

Inhalation LC50 Rat 13050-14380 ppm 4 h; Oral LD50 Rat 1800 mg/kg

Potential Health Effects: Skin Corrosion Property/Stimulativeness

Practically non-toxic if absorbed following acute (single) exposure. May cause skin irritation with prolonged or repeated contact. Liquid may be absorbed through the skin in toxic amounts if large areas of skin are exposed repeatedly. Rare, precancerous warts on the forearms, backs of hands and scrotum have been reported from prolonged or repeated skin contact.

Potential Health Effects: Eye Critical Damage/ Stimulativeness

Contact with eyes may cause moderate to severe irritation.

Potential Health Effects: Ingestion

Ingestion may cause gastrointestinal disturbances, including irritation, nausea, vomiting and diarrhea, and central nervous system (brain) effects similar to alcohol intoxication. In severe cases, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death may occur.

Potential Health Effects: Inhalation

Excessive exposure may cause irritations to the nose, throat, lungs and respiratory tract. Central nervous system (brain) effects may include headache, dizziness, loss of balance and coordination, unconsciousness, coma, respiratory failure, and death.

Respiratory Organs Sensitization/Skin Sensitization

This product is not reported to have any skin sensitization effects.

Generative Cell Mutagenicity

May cause genetic defects. Some crude oils and crude oil fractions have been positive in mutagenicity studies.

Carcinogenicity

A: General Product Information

May cause cancer.

Safety Data Sheet

Material Name: Crude Oil Sweet

Studies have shown that similar products produce skin tumors in laboratory animals following repeated applications without washing or removal. The significance of this finding to human exposure has not been determined. Other studies with active skin carcinogens have shown that washing the animal's skin with soap and water between applications reduced tumor formation.

This product contains benzene. Human health studies indicate that prolonged and/or repeated overexposure to benzene may cause damage to the blood-forming system (particularly bone marrow), and serious blood disorders such as aplastic anemia and leukemia. Benzene is listed as a human carcinogen by the NTP, IARC, OSHA and ACGIH.

B: Component Carcinogenicity

Petroleum distillates (naphtha) (8002-05-9)

IARC: Monograph 45 [1989] (Group 3 (not classifiable))

Benzene (71-43-2)

ACGIH: A1 - Confirmed Human Carcinogen

OSHA: 5 ppm STEL (Cancer hazard, Flammable, See 29 CFR 1910.1028, 15 min); 0.5 ppm Action Level; 1 ppm TWA

NIOSH: potential occupational carcinogen

NTP: Known Human Carcinogen (Select Carcinogen)

IARC: Monograph 100F [in preparation]; Supplement 7 [1987]; Monograph 29 [1982] (Group 1 (carcinogenic to humans))

Reproductive Toxicity

This product is not reported to have any reproductive toxicity effects.

Specified Target Organ General Toxicity: Single Exposure

This product is not reported to have any specific target organ general toxicity single exposure effects.

Specified Target Organ General Toxicity: Repeated Exposure

May cause damage to organs (liver, kidneys, blood, nervous system and skin) through prolonged or repeated exposure.

Aspiration Respiratory Organs Hazard

The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

Keep out of sewers, drainage areas and waterways. Report spills and releases, as applicable, under Federal and State regulations.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Petroleum distillates (naphtha) (8002-05-9)

Test & Species

96 Hr LC50 Salmo gairdneri

258 mg/L [static]

24 Hr EC50 Daphnia magna

36 mg/L

48 Hr EC50 Daphnia magna

<0.26 mg/L [Static]

Conditions

Safety Data Sheet

Material Name: Crude Oil Sweet

Benzene (71-43-2)

Test & Species

Conditions

96 Hr LC50 Pimephales promelas	10.7-14.7 mg/L [flow-through]
96 Hr LC50 Oncorhynchus mykiss	5.3 mg/L [flow-through]
96 Hr LC50 Lepomis macrochirus	22.49 mg/L [static]
96 Hr LC50 Poecilia reticulata	28.6 mg/L [static]
96 Hr LC50 Pimephales promelas	22330-41160 µg/L [static]
96 Hr LC50 Lepomis macrochirus	70000-142000 µg/L [static]
72 Hr EC50 Pseudokirchneriella subcapitata	29 mg/L
48 Hr EC50 Daphnia magna	8.76 - 15.6 mg/L [Static]
48 Hr EC50 Daphnia magna	10 mg/L

Persistence/Degradability

No information available.

Bioaccumulation

No information available.

Mobility in Soil

No information available.

*** Section 13 - Disposal Considerations ***

Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

*** Section 14 - Transportation Information ***

DOT Information

Shipping Name: Petroleum Crude Oil

UN #: 1267 **Hazard Class:** 3

Placard:



Safety Data Sheet

Material Name: Crude Oil Sweet

*** Section 15 - Regulatory Information ***

Regulatory Information

Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

Benzene (71-43-2)

SARA 313: 0.1 % de minimis concentration

CERCLA: 10 lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule)

SARA Section 311/312 - Hazard Classes

<u>Acute Health</u>	<u>Chronic Health</u>	<u>Fire</u>	<u>Sudden Release of Pressure</u>	<u>Reactive</u>
X	X	X	--	--

SARA SECTION 313 - SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

INGREDIENT NAME (CAS NUMBER)
Benzene (71-43-2)

CONCENTRATION PERCENT BY WEIGHT
<0.1 to 2

State Regulations

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Petroleum distillates (naphtha)	8002-05-9	No	Yes	Yes	Yes	Yes	No
Benzene	71-43-2	Yes	Yes	Yes	Yes	Yes	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.

Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Benzene	71-43-2	0.1 %

Additional Regulatory Information

Safety Data Sheet

Material Name: Crude Oil Sweet

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Petroleum distillates (naphtha)	8002-05-9	Yes	DSL	EINECS
Benzene	71-43-2	Yes	DSL	EINECS

*** Section 16 - Other Information ***

NFPA® Hazard Rating

Health	1
Fire	3
Reactivity	0



HMIS® Hazard Rating

Health	1	Slight
Fire	3	Serious
Physical	0	Minimal

*Chronic

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

Literature References

None

Other Information

Information presented herein has been compiled from sources considered to be dependable, and is accurate and reliable to the best of our knowledge and belief, but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained in our written contract of sale or acknowledgment.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material, even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in their use of the material.

End of Sheet

EVACUATION PLAN

The primary concern during emergency situations is the safety of all personnel at the Facility. Familiarity with the evacuation routes, the location of stored materials, and the general layout of the Facility is necessary to ensure a safe exit during life-threatening emergencies.

Evacuation routes can be determined by consulting the facility diagram located in **SECTION VIII** of this Emergency Response Action Plan. The facility diagram shows the general layout of the Facility and can be used to determine potential exit pathways during an emergency. Depending on the situation, however, the escape routes may vary and the individual will have to determine the safest escape route.

Factors to consider during evacuation are:

- When emergency alarm sounds, all work activity will cease and equipment will be shut down, if possible.
- Ensure that all visitors, as well as new employees are familiar with the evacuation plan and the facility layout. The facility diagram shows the locations of all gates and unlocked exits at the facility that can be used for facility evacuation.
- Ensure that all personnel are informed of the emergency and accounted for during evacuation operation. This can be accomplished by establishing a predesignated meeting location (a safe distance from any potential danger) and by calling roll of all facility personnel (including visitors) in a timely manner.
- Employees should remember to remain upwind of the release area at all times, if possible.
- Upon completion of the head count, the Facility Manager will attempt to determine the status of missing employees. If additional assistance is needed, the Facility Manager will call for local emergency assistance or activate the Abbeville Spill Management Team. The Incident Commander will assign personnel for rescue operations, if appropriate.
- All non-essential personnel should move to a designated location outside the Facility and remain until notified by the Incident Commander.
- The Incident Commander will designate police/fire department to evacuate any nearby homes or industries which may become endangered during the emergency.
- Common sense, calmness, and discretion should prevail at all times.

IMMEDIATE RESPONSE ACTIONS

Response Action	Person Taking Action (Initials)	Date/Time Action Taken
First Person To Discover Spill		
1. Immediately notify Facility Manager. If safe to do so, identify and control the source of the spill.		
Primary Response Actions (Incident Commander or designee)		
2. Conduct preliminary assessment of the situation and of the potential health and safety hazards. If someone is injured or if there is the potential for a fire or explosion, call out emergency services. Evacuate personnel, as needed.		
3. Shutdown potential ignition sources in the vicinity of the spill, including motors, electrical pumps, electrical power, vehicles, etc.		
4. If safe to do so, direct Facility responders to shut down and control the source of the spill. Be aware of potential explosion hazards associated with condensate and ensure that lower explosive limits are within safe levels before sending personnel into the spill area. See SECTION 4 for response safety information.		
5. If safe to do so, direct Facility responders to deploy containment and sorbent boom located at the Facility from PSC. Consider deploying boom well in advance of the slick to reduce the safety hazards associated with operating boat engines near hydrocarbon vapors. See response map in FIGURE 3.3 for recommended response strategies.		
6. Complete spill report form (included in SECTION III)		
Notification/Documentation (Incident Commander)		
7. Mobilize spill response contractors, if necessary, to assist in containment and cleanup operations. Always err on the side of caution when deciding if response contractors should be called. It is much better to demobilize equipment and personnel if not needed than to delay contacting them if they are needed. AMPOL		
8. Notify PSC personnel: • TBD (QI), Lafayette Office		
9. Notify Appropriate Regulatory Agencies (to be initiated by corporate environmental department personnel identified above). Utilize agency notification summary form in FIGURE 2.3 to document notifications. ____ National Response Center ____ USCG MSD Lake Charles ____ Louisiana Department of Environmental Quality		
10. Notify other neighboring facilities if there is a potential to impact them.		
11. Initiate documentation procedures. Document all response actions taken, including notifications, agency/media meetings, equipment and		

Response Action	Person Taking Action (Initials)	Date/Time Action Taken
personnel mobilization and deployment, and area impacted.		

FACILITY DIAGRAM

Figure 1.4 Site Map

